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JUL 25 2002

In re Application for:

Susan SCHIAVI et al.

Serial No.: 09/909,775

Filing Date: July 19, 2001

For: PHOSPHATONIN-RELATED GENE  
AND METHODS OF USE THEREOF

Examiner: To Be Assigned

TECH CENTER 1600/2900

Group Art Unit: 1646

**PROSECUTION BY ASSIGNEE AND POWER OF ATTORNEY  
UNDER 37 C.F.R. § 3.71**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Genzyme Corporation, a joint assignee of the entire right, title and interest in this patent application, under 37 C.F.R. § 3.71 hereby appoints:

Attorney	Registration No.	Attorney	Registration No.
David Beck	37,776	John W. Calkins	43,523
Patricia R. Coleman James	37,155	Antoinette F. Konski	34,202 ✓
Carol M. Gruppi	37,341 ✓	Michael J. Shuster	41,310
David W. Maher	40,077	Christian Ullsperger	48,006
William E. Thomson, Jr.	20,719		
Michele Todd Wasmuth	43,239		

all of the firm McCutchen Doyle Brown & Enersen LLP, Three Embarcadero, Suite 1800, San Francisco, CA 94111-4067, to prosecute this application and transact all matters in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37 C.F.R. § 3.71.

The following persons are also appointed agents of record in the above-identified application:

Attorney	Registration No.
Richard D. Allison	31,584
Isabelle A.S. Blundell	43,321
Robert J. Cobert	36,108
Thomas J. DesRosier	30,168
Deborah A. Dugan	37,315
Jennifer L. Dupré	41,722
Madge R. Kanter	35,211
Elizabeth Lassen	31,845
Bart G. Newland	31,282
Jennifer A. Tegfeldt	31,310
Darlene Vanstone	35,729

Please direct all written communications relative to this application to:

Antoinette F. Konski  
McCutchen Doyle Brown & Enersen LLP  
Three Embarcadero Center, Suite 1800  
San Francisco, CA 94111-4067

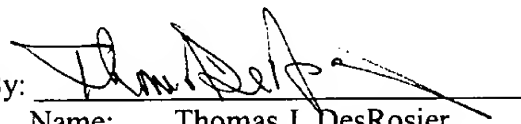
Please direct all telephone communications to Antoinette F. Konski at (650) 849-4950.

GENZYME CORPORATION

Dated:

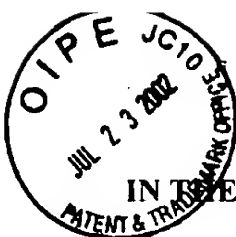
JUNE 27, 2002

By:



Name: Thomas J. DesRosier  
Title: Senior Vice President  
Chief Patent Counsel

Address: One Kendall Square  
Cambridge, Massachusetts 02139



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Washington, D.C. 20231

Sir:

Johns Hopkins University School of Medicine, a joint assignee of the entire right, title and interest in this patent application, under 37 C.F.R. § 3.71 hereby appoints:

Attorney	Registration No.	Attorney	Registration No.
David Beck	37,776	John W. Calkins	43,523
Patricia R. Coleman James	37,155	Antoinette F. Konski	34,202
Carol M. Gruppi	37,341	Michael J. Shuster	41,310
David W. Maher	40,077	Christian Ullsperger	48,006
William E. Thomson, Jr.	20,719		
Michele Todd Wasmuth	43,239		

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Please direct all written communications relative to this application to:

Antoinette F. Konski  
McCutchen Doyle Brown & Enersen LLP  
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San Francisco, CA 94111-4067

Please direct all telephone communications to Antoinette F. Konski at (650) 849-4950.

JOHNS HOPKINS UNIVERSITY  
SCHOOL OF MEDICINE

Dated: May 30, 2002

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Licensing  
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720 Rutland Avenue  
Baltimore, Maryland 21202

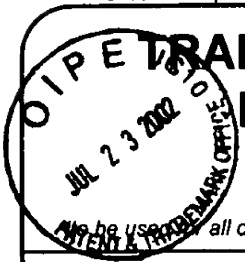
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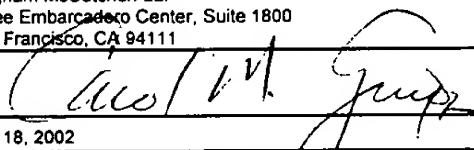
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<b>TRANSMITTAL FORM</b>  <small>Do not use for all correspondence after initial filing</small>	Application Number	09/909,775	<b>RECEIVED</b>
	Filing Date	July 19, 2001	
	First Named Inventor	Susan Schlavi	JUL 25 2002
	Group Art Unit	1646	<b>TECH CENTER 1600/2900</b>
	Examiner Name	To Be Assigned	
Total Number Of Pages In This Submission	5	Attorney Docket No.	GZ 2065.23

**ENCLOSURES (check all that apply)**

- |  |  |  |
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**SIGNATURE OF APPLICANT, ATTORNEY OR AGENT**

Firm or Individual Name	Carol M. Gruppi, Registration No. 37,341 Antoinette F. Konski, Registration No. 34,202 Bingham McCutchen LLP Three Embarcadero Center, Suite 1800 San Francisco, CA 94111
Signature	
Date	July 18, 2002

**CERTIFICATE OF MAILING**

I hereby certify that this paper or fee is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: July 18, 2002.

  
Nancy L. Hug

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